

Comparisons of Job Characteristics

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Segmental Pavers (47-4091)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Segmental Pavers (47-4091)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Mechanical | 6.8 | 12.5 | 11.0 | < | Expanded education and/or training may be required |
| Building and Construction | 4.0 | 9.3 | 15.0 | >> | Current knowledge level is likely more than sufficient |
| Transportation | 4.6 | 8.7 | 5.3 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Segmental Pavers (47-4091)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|--------------------------------------|
| Coordination | 9.1 | 10.6 | 9.4 | < | A higher skill level may be required |
| Operation and Control | 5.4 | 8.5 | 7.3 | < | A higher skill level may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Segmental Pavers (47-4091)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Multilimb Coordination | 6.0 | 10.7 | 10.0 | 0 | Current ability level may be sufficient |
| Control Precision | 6.6 | 10.6 | 9.8 | 0 | Current ability level may be sufficient |
| Static Strength | 5.0 | 9.6 | 10.2 | 0 | Current ability level may be sufficient |
| Response Orientation | 4.0 | 7.6 | 5.4 | << | Extensive improvement in abilities may be required |
| Dynamic Strength | 3.5 | 7.5 | 8.2 | 0 | Current ability level may be sufficient |
| Spatial Orientation | 2.7 | 6.1 | 4.4 | << | Extensive improvement in abilities may be required |
| Speed of Limb Movement | 3.2 | 6.0 | 8.5 | >> | Current ability level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 98

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)
Associated Occupation: Segmental Pavers (47-4091)

| Work Activities | Exclusivity of Activity |
|--|-------------------------|
| Adhere to safety procedures | 12 |
| Apply adhesives, caulking, sealants, or coatings | 45 |
| Apply grouting or other masonry adhesives | 81 |
| Build or repair masonry structures, including kilns or furnaces | 84 |
| Build or repair structures in construction, repair, or manufacturing setting | 54 |
| Cut or shape stone, tile, brick, or related material | 76 |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 |
| Finish concrete surfaces | 82 |
| Lay out masonry work | 87 |
| Measure tile or masonry materials | 82 |
| Move or fit heavy objects | 8 |
| Operate power construction equipment | 84 |
| Perform safety inspections in construction or resource extraction setting | 46 |
| Prepare site or surfaces for concrete or masonry work | 76 |
| Read tape measure | 41 |
| Understand construction specifications | 53 |
| Use concrete fabrication techniques | 74 |
| Use hand or power tools | 2 |
| Use measuring devices in construction or extraction work | 41 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Cement Masons and Concrete Finishers (47-2051)

Associated Occupation: Segmental Pavers (47-4091)

| Tools and Technologies | Exclusivity |
|---|-------------|
| Tools and technology data is unavailable for one or both occupations. | |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.